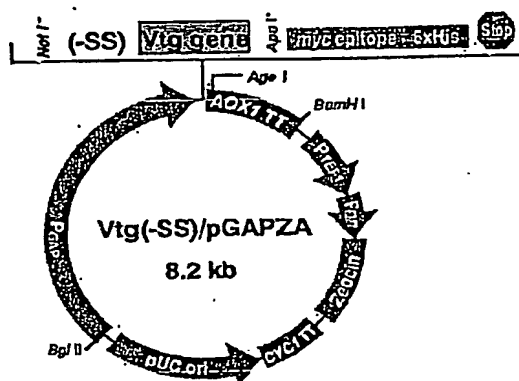
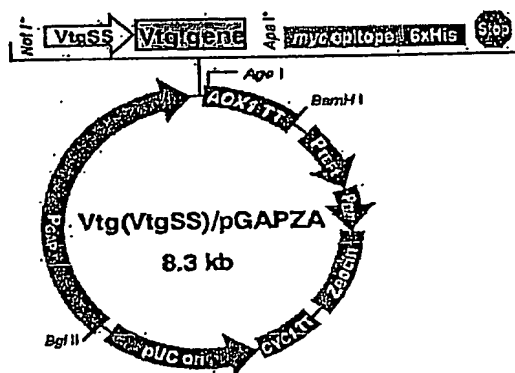


Fig.1

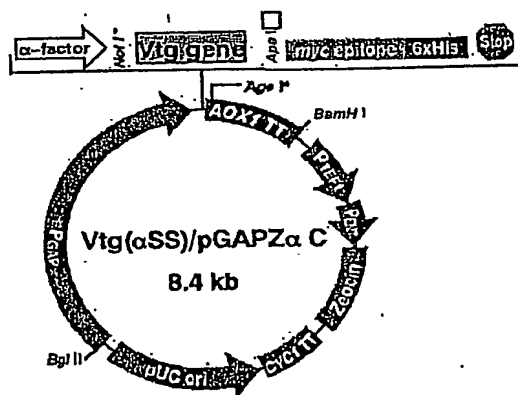
(A)

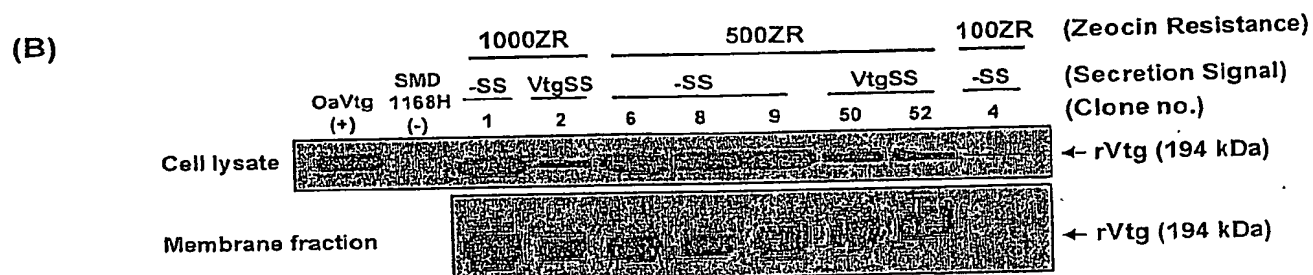
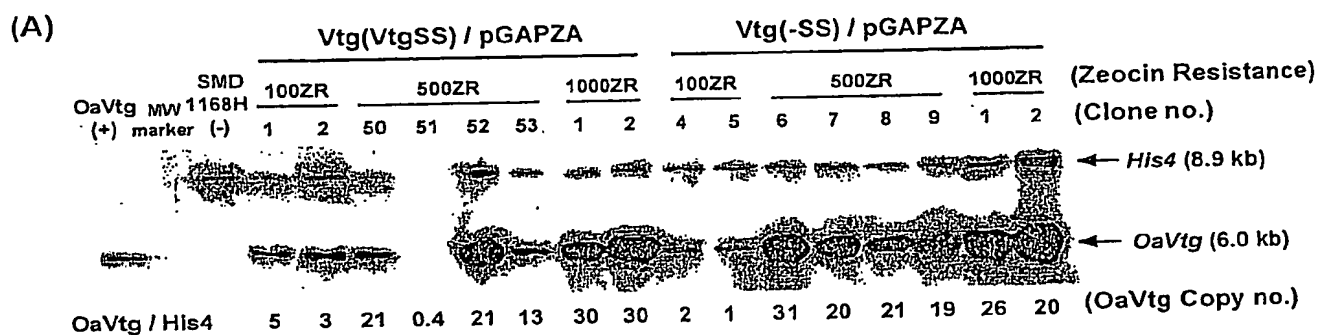


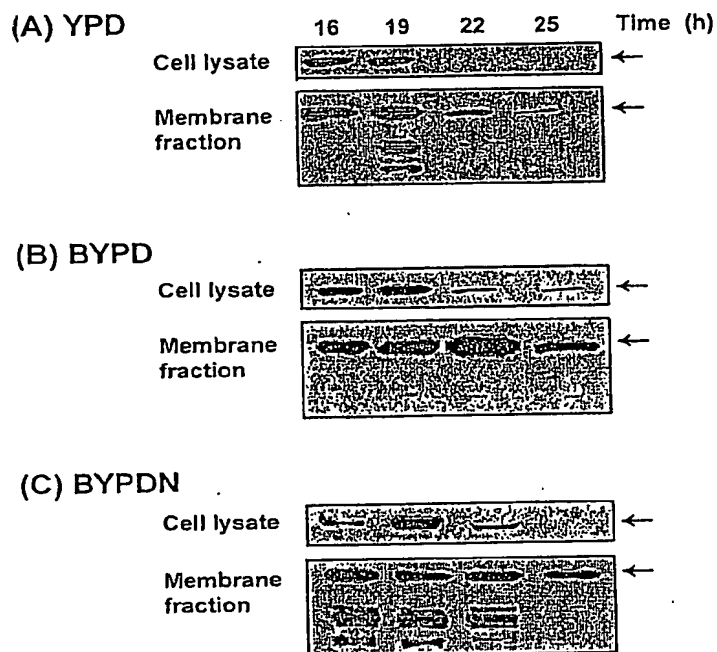
(B)



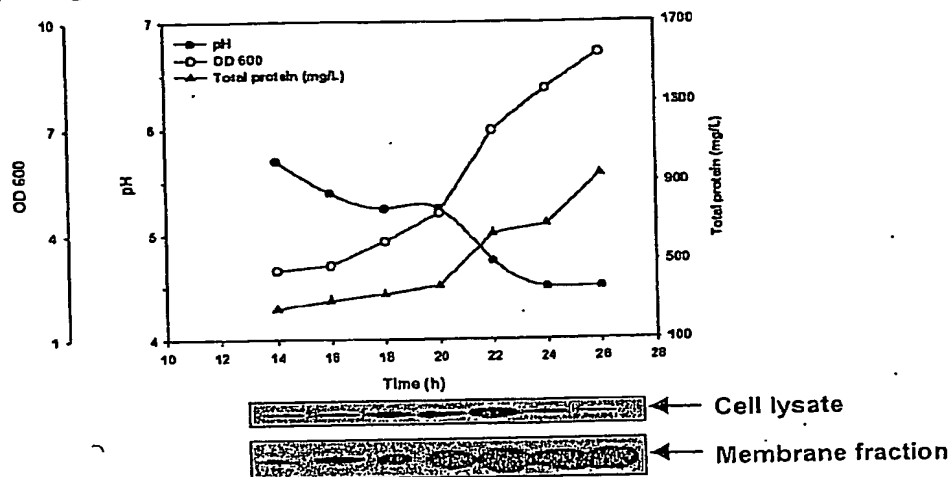
(C)



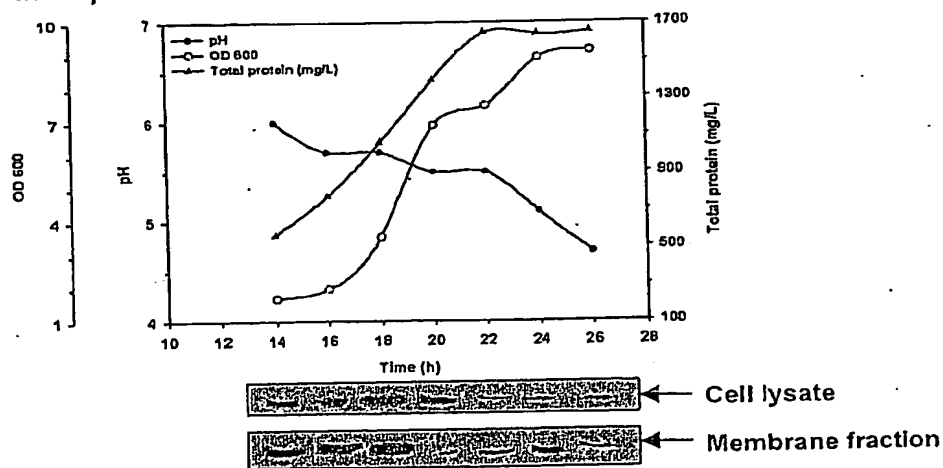




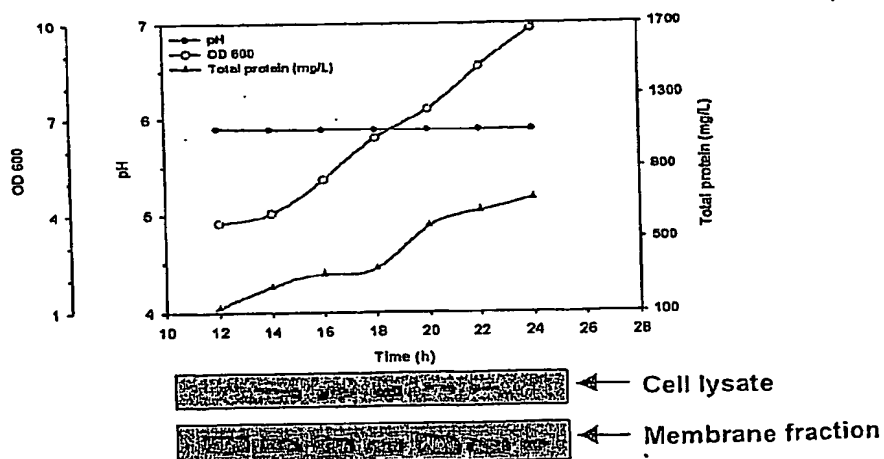
## (A) Single shake flask



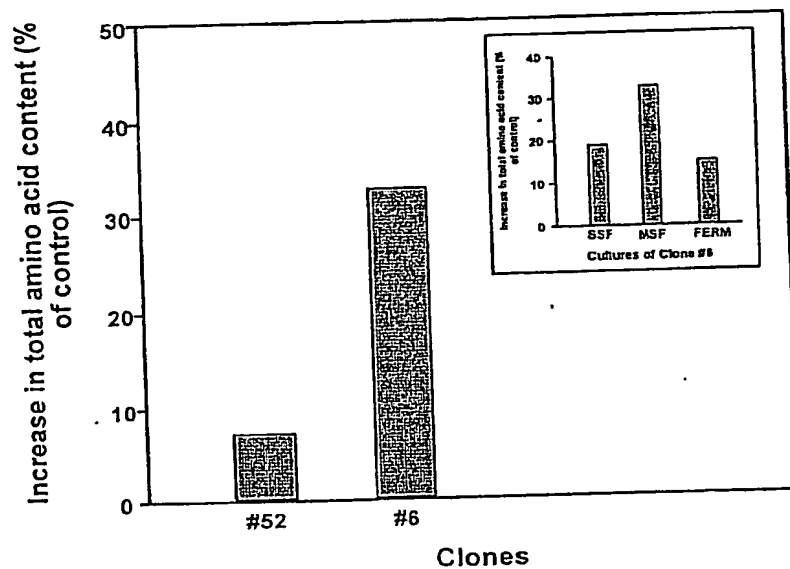
## (B) Multiple shake flasks



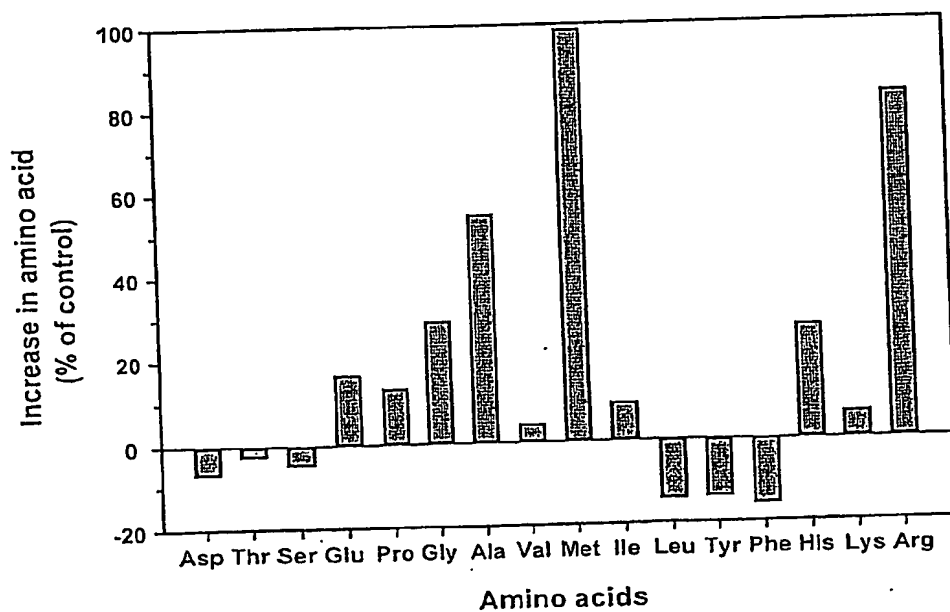
## (C) Fed-batch fermentation



(A)



(B)



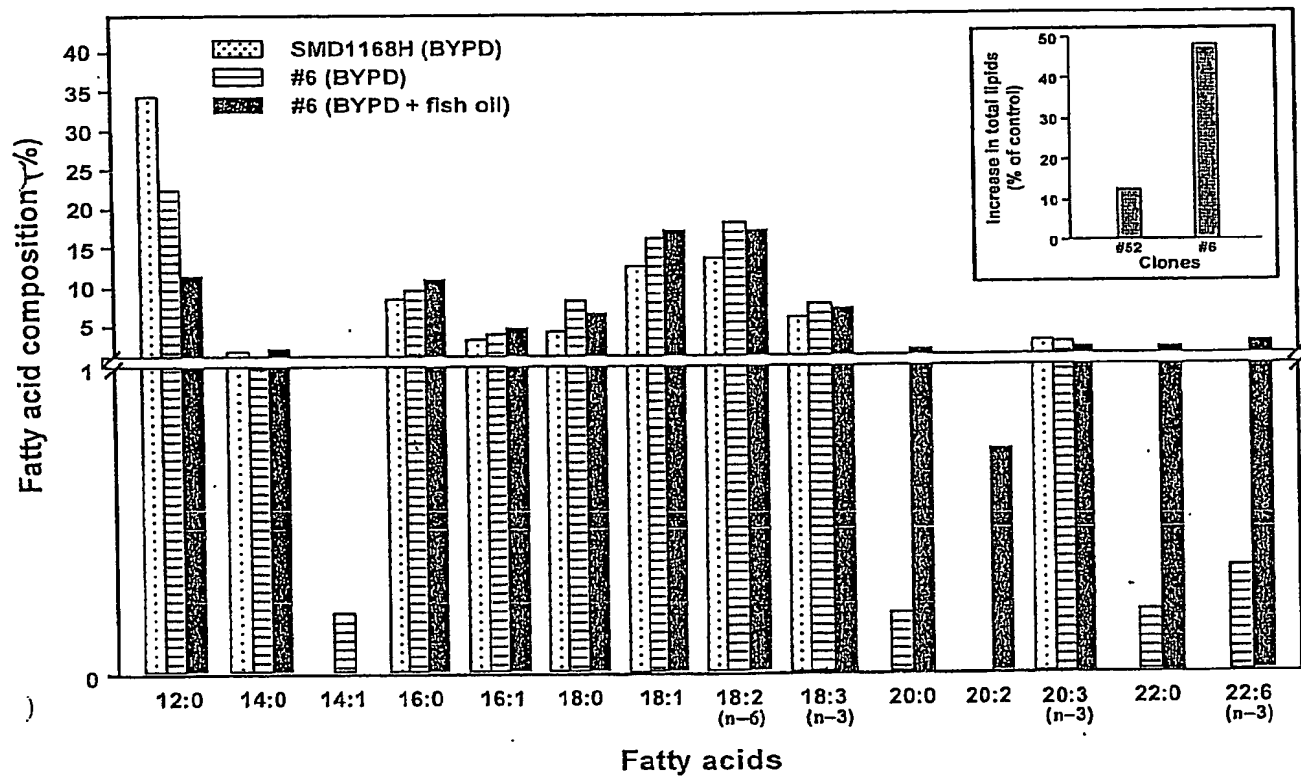


Fig. 7

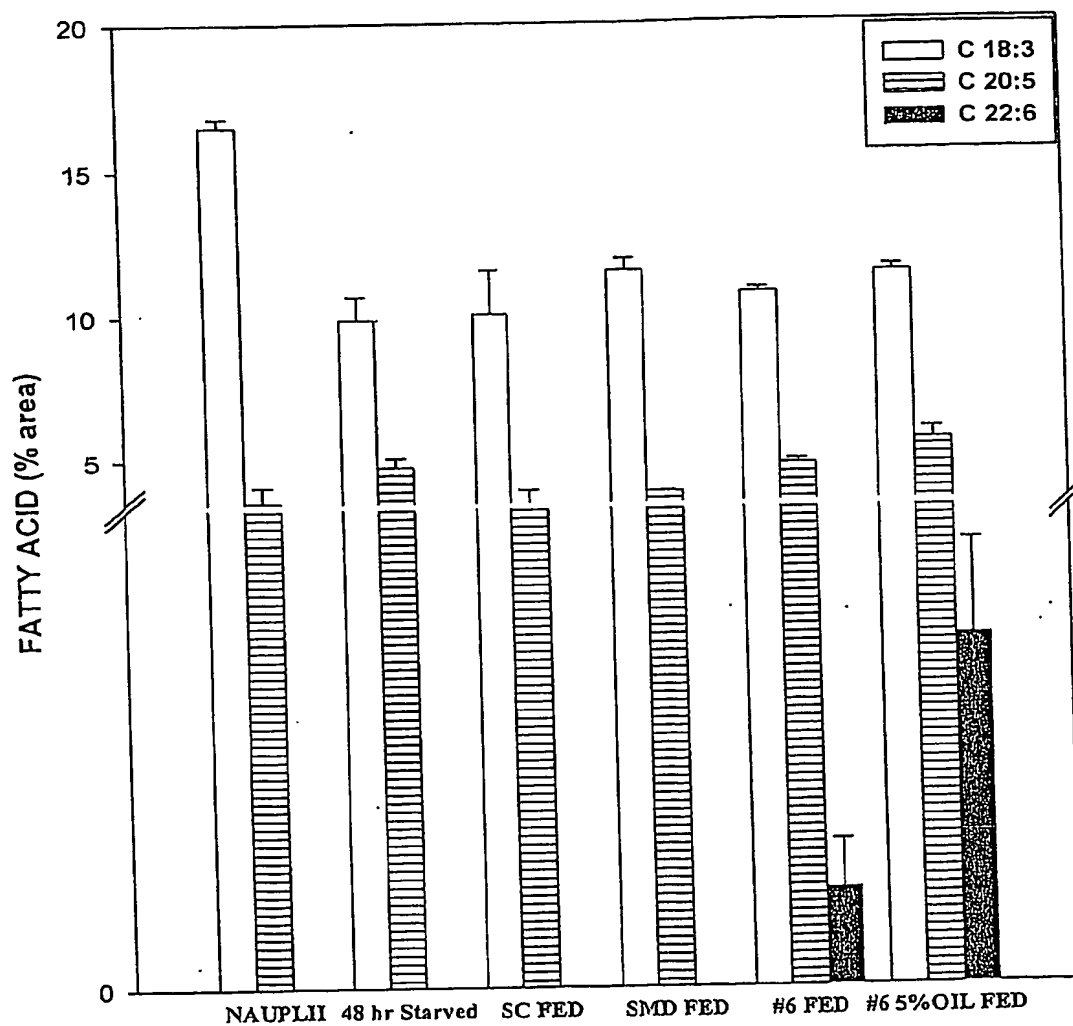


Fig. 8

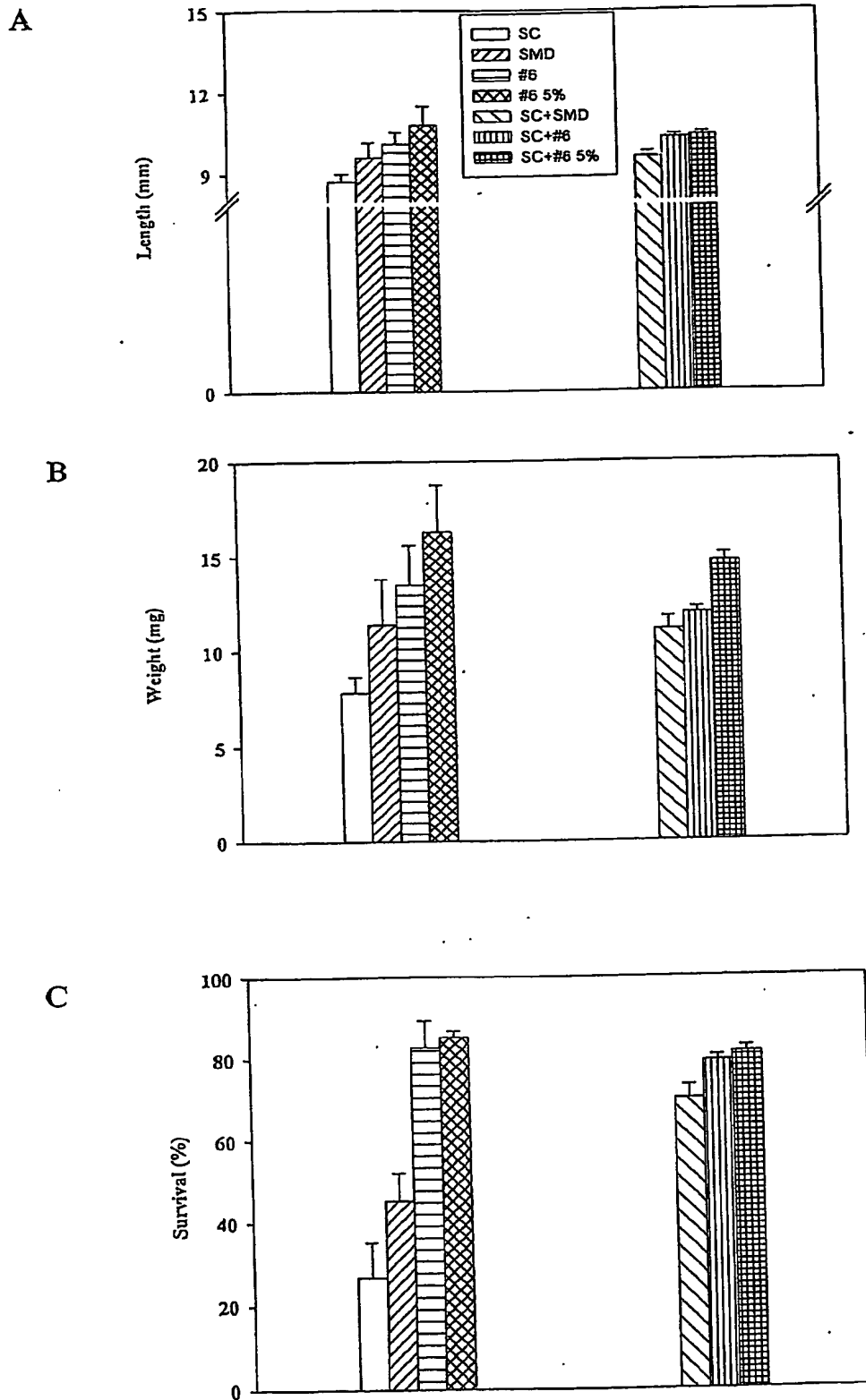




Fig. 9

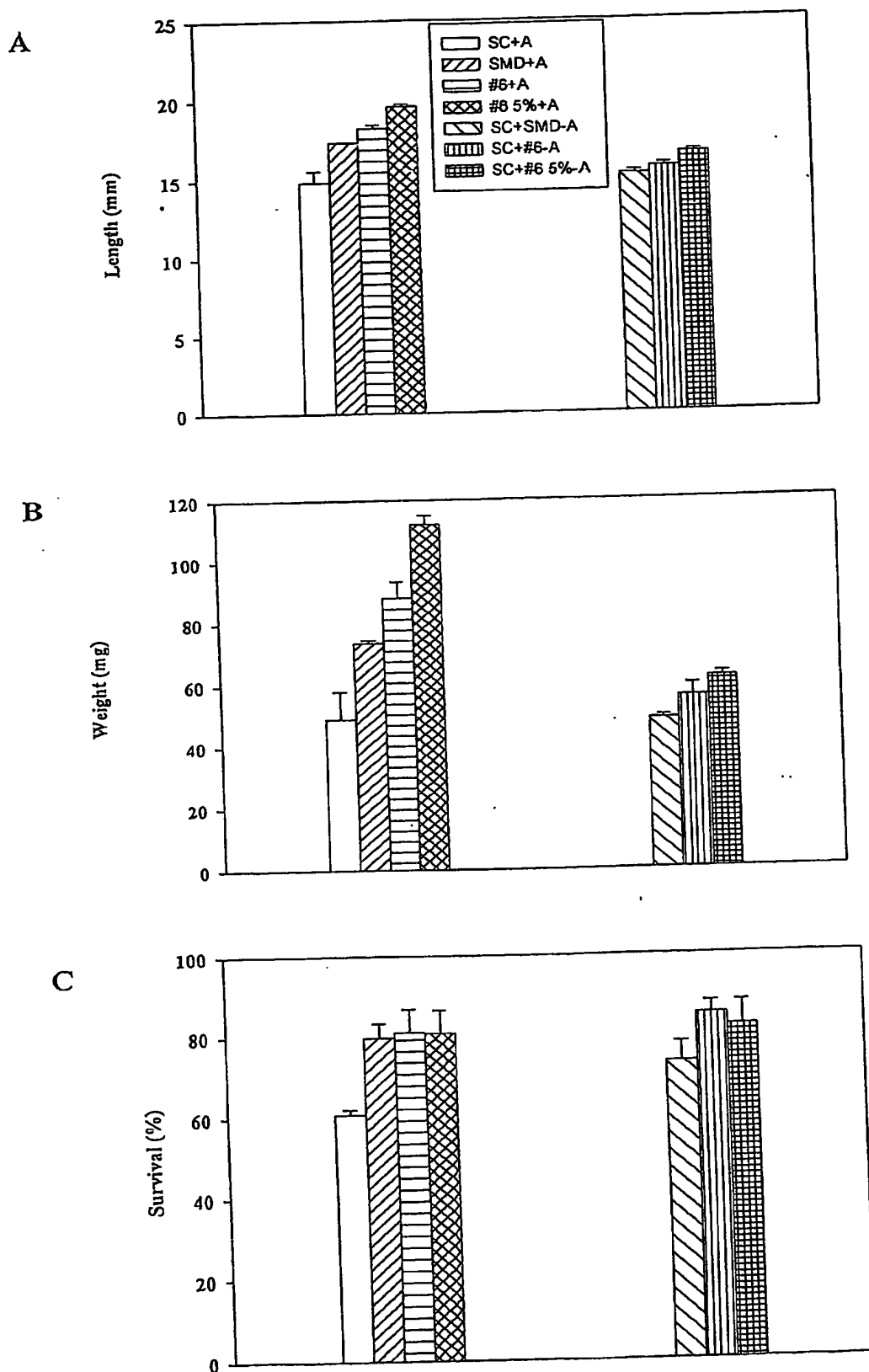


Fig. 10

